

Papers in International Journals

2013

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224. MASSINES F.
Low Temperature Plasma Physics: Basics and Applications. 19th European Summer School, Bad Honnef, Germany, October 5-10, 2013.
225. NEVEU P.
Optimal integration of energy systems. Application to Concentrated Solar Power Plants (CSP). CAFCI (Centre Franco-Argentin des Sciences de l'Ingénieur), Buenos Aires, Argentine, 6 novembre 2013.

2014

226. BALAT-PICHELIN M
UHTC oxidation using concentrated solar energy – Application in the fields of Space and Energy. 13th Int. Ceram. Cong. CIMTEC 2014, Montecatini Terme, Italie, 8-13 juin 2014.
227. FLAMANT G.
Concentrated solar technologies for the production of high temperature process heat and energy vectors. Conférence invitée ; Session Plénière de l'Académie des Sciences du Maroc, « Sources d'énergie renouvelables et transition énergétique: Faits, défis et opportunités pour le Maroc », Rabat, Maroc, 19-21 février 2014.
228. FLAMANT G.
Nanomatériaux pour la conversion de l'énergie solaire concentrée. Conférence invitée ; Congrès « Nanomatériaux pour l'Energie et la Médecine », Université Cadi Ayyad, Marrakech, Maroc, 26-29 octobre 2014.
229. FLAMANT G.
Solaire thermique concentré : Etat des lieux, enjeux et perspectives. Conférence plénière ; 1er Colloque franco-marocain sur les énergies nouvelles et renouvelables, COFMER'01, Rabat, Maroc, 28-30 octobre 2014.
230. GOETZ V., KACEM M., WERY N., PLANTARD G.
Gram-negative E.coli inactivation with suspended or supported TiO₂: model coupling mass transfer and degradation, indoor and solar outdoor experiments. Third International Conference on Advanced Oxidation Process, AOP-2014, Menar, Inde, September, 2014.

2015

231. CALIOT C.
Solar Thermal Power Plants. Arab-European Summer School on Energy Education, Vienne, Autriche, 19 octobre 2015.
232. FLAMANT G.
Trends in concentrated solar power and solar fuels. Conférence Invitée, Symposium EUROSUNMED-AMREN, EMRS spring meeting, Lille, France, May 14, 2015.
233. FLAMANT G.
Trends and challenges in concentrated solar technologies. Keynote lecture, World Renewable Energy Congress (WREC2015), Bucarest, Roumanie. June 8-11, 2015.
234. FLAMANT G.

Solaire thermique à concentration: principes, technologies et défis. Conférence Invitée, Université Mohammed V, Rabat, Maroc, 2 novembre 2015.

235. KACHKACHI H.

Dynamics of magnetic dimers: effects of coupling and spatial arrangement. International Workshop on Controlling Magnetic Nanostructures, Konstanz, Germany, September 23-25, 2015.

236. GONÇALVES C.S., SILVA A.S., NAVAS D., MIRANDA M., SILVA F., CRESPO H., SCHMOOL D.S.

Ultrafast magnetisation dynamics in the sub-10 fs range, (invited). Workshop on Controlling Magnetic Nanostructures, Konstanz, Germany, September 23-25, 2015.

237. KACHKACHI H.

Intrinsic and collective effects in nanomagnets, International workshop on Complex Magnetic Nanostructures, Aegia, Greece, 2-5 June, 2015.

238. MASSINES F.

Nanosecond Repetitive Pulsed Discharges (NRPD) in dielectric barrier discharge configuration. IMS2015, International Microwave Symposium, IEE, Phoenix, Arizona, USA, May 17-22, 2015.

National Congresses - Congrès Nationaux

239. CAUSSANEL M.

Evaluation de Fibres Optiques Commerciales, Journée RTS CNES (Rencontre de Technologies Spatiales : Composants Optoélectroniques), CNES, Toulouse, France, 10 septembre 2013.

240. CALIOT C.

Transferts couplés dans les récepteurs réacteurs solaires haute température. Journées d'Etude SFT. Rayonnement et Transfert Couplés. 2014.

241. CALIOT C.

Cavity and Volume effects. SFERA2, Summer School, Odeillo, France, 2014.

242. DOLLET A.

Les énergies renouvelables et les perspectives de l'énergie solaire concentrée. Forum : Les fondamentales du CNRS, Paris, La Sorbonne, France, 14-16 novembre 2014.

243. MASSINES F.

Plasmas à pression atmosphérique : DBD physique et conception de réacteurs. 12^{ème} journées du réseau Plasmas Froids, La rochelle, France, 20-23 Octobre 2014

244. MASSINES F.

Dépôt de couches minces par plasmas froids à la pression atmosphérique : couche antireflet et passivante de cellules photovoltaïques. Congrès Intersurface, St Etienne, France, Mai 2015.

245. NEVEU P. *Optimal configuration of constructal reactor based on exergy impedance concept.* Workshop on "Exergy Analysis and Constructal Law", INSA-Lyon, 3 April 2014.

Invited Talks

2013-2015

246. AUSSEL D.

New developments in Quasiconvex optimization and Variational inequalities. Univ. de Tabuk, Arabie Saoudite, mars 2013.

247. AUSSEL D.

Modelisation of Deregulated Electricity Markets. Univ. de Jeddah, Arabie Saoudite, mars 2013.

248. FLAMANT G.

Heat transfer fluids for concentrated solar systems. ETH Zurich, Suisse, 13 décembre 2013.

249. GOETZ V.
Helio-photocatalysis in water remediation, Training Course "New approaches in advanced oxidation processes for water treatment. Diffusion of nanotechnology based devices for water treatment and recycling. European Project Nanowat, Montpellier 18-20 mai 2013.
250. GOETZ V., M. BRIENZA
Solar advanced oxidation process for water treatment". Diffusion of nanotechnology based devices for water treatment and recycling. Training course, European Project Nanowat, University of Basilicata, Potenza, Italy, May 12-14, 2014.
251. GOETZ V.
Traitement de polluants biorécalcitrants par photocatalyse solaire. Séminaire, Université Caddi Ayyad de Marrakech, Maroc, 22 octobre 2014.
252. TALBERT T.
Les convertisseurs DC/DC pour le CPV. 5e édition des Rencontres scientifiques Sherbrooke Montpellier, 10-12 juin 2015, Sherbrooke, Canada.
253. TALBERT T.
Les « Smart Grid » en France. 5e édition des Rencontres scientifiques Sherbrooke Montpellier, 10-12 juin 2015, Sherbrooke, Canada.
254. TALBERT T.
De la recherche à l'enseignement sur les « Smart Grid ». 5e édition des Rencontres scientifiques Sherbrooke Montpellier, 10-12 juin 2015, Sherbrooke, Canada.

Organisation of events (conferences, seminars, workshops)

2013

255. AUSSEL D.
Organisation de l'école doctorale internationale CIMPA-UNESCO *Generalized Nash Equilibrium Problem, Bilevel Programming and MPEC*, New Delhi, Inde, Novembre-Décembre 2013.
256. AUSSEL D.
Co-organisation du *Workshop on Algorithms and Dynamics for Games and Optimization*, Playa Blanca, Tongoy, Chili, Octobre 2013.
257. AUSSEL D.
Co-organisation de l'*Annual Days of GdR MOA*, Institut Henri Poincaré, Paris, France, Juin 2013.
258. FRUCHIER O.
Membre du Comité d'organisation des *Jicable HVDC'13*, Séminaire européen sur les matériaux de câbles et d'accessoires HTCC : Comportement, Modélisation, Essais, Qualification, Perpignan, France, 18-20 novembre 2013.
259. KACHKACHI H.
Membre du Comité d'organisation de la 8ème édition de *International Conference on Fine Particle Magnetism (ICFPM)*, Perpignan, France, 24-27 juin 2013.
260. KACHKACHI H.
Co-organisation du colloque *Optical and Electrical Properties of Nanomagnets*, Paris, France, octobre 2013.

2014

261. AUSSEL D.
Co-organisation du workshop *12th EUROPT Workshop on Advances in Continuous Optimization*, Perpignan, France, July 2014.
262. AUSSEL D.
Organisation du *First colloquium "Electricity markets: models and variational analysis*, Perpignan, décembre 2014.
263. BALAT-PICHELIN M.
Membre du comité scientifique national et du comité scientifique local de *Matériaux 2014*, Colloques 15 (Grands Instruments et Etude des Matériaux) et 16 (Matériaux en Conditions Extrêmes), Montpellier, France, (20 colloques en parallèle, 1800 participants), 24-28 nov. 2014.
264. CAUSSANEL M.
Membre du Comité d'organisation de l'*International Symposium on Reliability of Optoelectronics for Systems 2014*, Airbus Site, Toulouse, France, 16-19 juin 2014.
265. GOETZ V.
Membre du *Comité scientifique des Journées Nationales sur l'Energie Solaire (JNES)* qui se déroulent annuellement sur trois jours et qui regroupent l'ensemble de la communauté française impliquée dans le domaine du solaire, 2014.
266. KACHKACHI H.
Co-organisation du colloque : *Excitations in Nanomagnets*, Barcelona, Spain, december 2014.
267. THOMAS L.
Co-organisation du *Congrès Matériaux 2014*, Montpellier, France, 24-28 novembre 2014.

2015

268. AUSSEL D.
Co-organisation du *Annual Days of GdR MOA*, University of Bourgogne, Dijon, France, décembre 2015.
269. BALAT-PICHELIN M.
Co-organisation avec le CNES de l'atelier *Materials in High Temperature Conditions* dans le cadre du CCT CNES Matériaux, Odeillo, France, 10-11 septembre 2015.
270. COURTY M.A.
Organisatrice dans le cadre de « Empreinte des climats et des hommes dans les sols et paléosols - Mémoires de nos jardins » du *Colloque national sous l'égide de l'AFEQ- CNF INQUA, AFES, Académie d'Agriculture de France*, Paris, France, 8 décembre 2015.
271. KACHKACHI H.
Co-organisation du *Colloque International Workshop on Controlling Magnetic Nanostructures*, Konstanz, Germany, September 23-25, 2015.
272. MASSINES F., COURTY M.A.
Co-organisation d'un Atelier thématique, Mission Interdisciplinaire CNRS DEFI. PANANA, Instrumentation aux limites : *Plasmas atmosphériques et nanocomposites polymériques naturels à base d'aérosols : comparaison avec les nanomatériaux synthétisés par plasma de laboratoire*, PROMES, Perpignan, France, 27-28 août 2015.
273. MASSINES F.
Scientific Committee (Bord of Directors of the International Plasmas Chemistry Society) *International Conference on Plasmas Chemistry, ISPC 22*, Anvers, Belgique, 2015.
274. TALBERT T.
Membre du Comité d'organisation des *5e éditions des Rencontres scientifiques Sherbrooke- Montpellier* et

organisateur avec V. Aimez (UMI 3463 LN2) de la session « De la cellule CPV au réseau futé », Sherbrooke, Canada, 10-12 juin 2015.

275. THOMAS L.

Co-organisation du *Congrès International CIP*, St Etienne, France, 1-5 juin 2015.